2009

Kentucky Area Development District (ADD) Profiles 2009 Behavioral Risk Factor Surveillance System (BRFSS)





Published: December 2011

Table of Contents

Executive Summary	3
Introduction	4
Statewide and Nationwide Prevalence Estimates	5
Area Development Districts	
Barren River	6
Big Sandy	7
Bluegrass	8
Buffalo Trace	9
Cumberland Valley	10
FIVCO	11
Gateway	12
Green River	13
Kentucky River	14
KIPDA	15
Lake Cumberland	16
Lincoln Trail	17
Northern Kentucky	18
Pennyrile	19
nl	20

Executive Summary

The following report consists of data collected by the Kentucky Behavioral Risk Factor Surveillance System (KY BRFSS) program for the calendar year 2009. The BRFSS is a collaborative project of the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). Currently, all 50 states and the District of Columbia participate in this surveillance system. The BRFSS objective is to collect uniform, state specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases that affect the adult population.

CDC publishes the data collected by each state on their website. This website has data at state level but not at sub-state level. In most cases, each state constitutes a single stratum. However, to provide adequate sample sizes for smaller geographically defined populations of interest, some states sample disproportionately from strata defined to correspond to sub-state regions. In Kentucky we sample all fifteen Area Development Districts (ADD), each of which has 500 completes, so we currently have fifteen strata.

The ADD level data is not available on the CDC website. The main purpose of this document is to provide data in a timely manner to the Area Development Districts so the local health departments can use this data for strategic planning and prioritize program management. BRFSS data can be used to identify emerging health problems, establish and track health objectives, and develop and evaluate public health policies and programs. It can also be used to support health-related legislative efforts. The program hopes that this report will be useful in assisting the districts in identifying the health needs within their region.

Introduction

The Behavioral Risk Factor Surveillance System (BRFSS) is a cross-sectional telephone health survey jointly sponsored by the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). The survey is randomly administered to non-institutionalized civilian adults age 18 or older who are living in a household with a telephone. Participation in the survey is strictly voluntary. Personal identifying information, such as a person's name or address, is not collected. The BRFSS is a nationwide surveillance tool. In Kentucky, the BRFSS has been conducted continuously since 1985.

This document presents a data profile of each Area Development District (ADD) based on prevalence data collected from the 2009 Kentucky Behavioral Risk Factor Surveillance System (BRFSS) Survey. Kentucky has 120 Counties that are divided into 15 ADDs for the planning of a variety of programs. Data for this report are analyzed by ADDs, rather than by county, because sample sizes for most counties are too small to provide statistically reliable estimates. Statewide and nationwide prevalence estimates have been included for comparison.

	Counties in each ADD
Barren River:	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
Big Sandy:	Floyd, Johnson, Magoffin, Martin, Pike
Bluegrass:	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
Buffalo Trace:	Bracken, Fleming, Lewis, Mason, Robertson
Cumberland Valley:	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
FIVCO:	Boyd, Carter, Elliott, Greenup, Lawrence
Gateway:	Bath, Menifee, Montgomery, Morgan, Rowan
Green River:	Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
Kentucky River:	Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
KIPDA:	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
Lake Cumberland:	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
Lincoln Trail:	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
Northern Kentucky:	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
Pennyrile:	Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
Purchase:	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall

This report was prepared by Seth Siameh, BRFSS Epidemiologist, and Sarojini Kanotra, BRFSS Director and Coordinator. Questions concerning this report should be directed to Seth.Siameh@kv.gov or Sarojini.Kanotra@kv.gov.

Recommended citation: *Kentucky Behavioral Risk Factor Surveillance System Survey Data.* Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, **2009**.

List of Variables	Nationwide * (States and DC)	Ker	ntucky
	Median %	%	95% CI
Alcohol Consumption			
Adults who reported heavy drinking	5.1	4.8	3.7 - 5.8
Adults who reported binge drinking	15.8	12.4	10.8 - 13.9
Arthritis	20.0		
Adults who have arthritis	26.0	35.6	33.8 - 37.3
Asthma			
Adults who currently have asthma	8.8	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	13.5	14.9	13.5 - 16.2
Cardiovascular Disease			
Adults who have ever had a heart attack	4.0	5.9	5.2 - 6.6
Adults who have coronary heart disease	3.8	6.0	5.3 - 6.6
Adults who have ever had a stroke	2.4	3.7	3.1 - 4.3
Cholesterol Awareness			
Adults who had their blood cholesterol checked	77.0	70.2	765 001
in past 5 years	77.0	78.3	76.5 – 80.1
Adults with high blood cholesterol	37.5	41.6	39.8 - 43.5
Diabetes			
Adults who have Diabetes	8.3	11.5	10.5 - 12.5
Disability			
Adults with limited activity due to physical,	18.9	24.8	23.3 – 26.3
mental, or emotional problems	10.9	24.0	23.3 - 20.3
Adults with health problem(s) that requires the	7.0	9.9	8.9 - 11.0
use of special equipment	7.0	9.9	0.9 - 11.0
Fruits and Vegetables			
Adults who consume 5 or more servings of	23.4	21.1	19.5 – 22.3
fruits or vegetables per day	23.1	21.1	17.5 22.5
General Health Status			
Adults who reported good or better health	85.5	77.2	75.8 – 78.6
Health Care Access/Coverage			
Adults who have health care coverage	85.6	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	83.1	81.3	79.6 - 83.1
coverage	55.2	0 2.0	.,,,,
Hypertension Awareness	20.5	264	24.5 20.4
Adults who have high blood pressure	28.7	36.4	34.7 – 38.1
Immunization	50.4	5 0.5	60.0 50.0
Adults aged 65+ who had a flu shot in past year	70.1	70.5	68.0 - 73.0
Adults aged 65+ who have ever had a	68.5	66.8	64.2 - 69.5
pneumonia vaccination			
Overweight and Obesity (BMI)	26.2	247	22.0 26.5
Adults who are overweight (BMI = 25.0 – 29.9)	36.2	34.7	32.9 - 36.5
Adults who are obese (BMI ≥ 30.0)	26.9	32.4	30.6 - 34.1
Physical Activity	76.2	70.2	(0.7, 71.0
Adults who participate in any physical activity	76.2	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	51.0	45.7	43.7 - 47.6
physical activity recommendations			
Tobacco Use	17.0	25.6	22.0 27.2
Adults who are current smokers	17.9	25.6	23.9 – 27.3

^{*}Centers for Disease Control and Prevention (CDC). *Behavioral Risk Factor Surveillance System Survey Data.* Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2009]

Downey Divor ADD	Barren River		Kentucky		
Barren River ADD	%	95% CI	%	95% CI	
Alcohol Consumption					
Adults who reported heavy drinking	2.7	0.6 - 4.8	4.8	3.7 – 5.8	
Adults who reported binge drinking	12.3	7.7 – 16.9	12.4	10.8 - 13.9	
Arthritis					
Adults who have arthritis	33.4	28.2 - 38.6	35.6	33.8 - 37.3	
Asthma					
Adults who currently have asthma	11.5	7.1 - 16.0	10.2	9.0 - 11.3	
Lifetime asthma prevalence among adults	14.0	9.5 - 18.6	14.9	13.5 - 16.2	
Cardiovascular Disease					
Adults who have ever had a heart attack	7.2	4.9 – 9.4	5.9	5.2 - 6.6	
Adults who have coronary heart disease	5.8	3.7 – 7.9	6.0	5.3 - 6.6	
Adults who have ever had a stroke	5.1	2.8 - 7.5	3.7	3.1 - 4.3	
Cholesterol Awareness					
Adults who had their blood cholesterol checked	73.0	66.3 – 79.8	78.3	76.5 – 80.1	
in past 5 years	73.0				
Adults with high blood cholesterol	41.5	35.7 – 47.3	41.6	39.8 – 43.5	
Diabetes					
Adults who have Diabetes	9.4	6.8 – 11.9	11.5	10.5 – 12.5	
Disability					
Adults with limited activity due to physical,	23.9	19.2 – 28.7	24.8	23.3 – 26.3	
mental, or emotional problems	2017	1912 2017	2 110	2010 2010	
Adults with health problem(s) that requires the	10.7	7.3 – 14.0	9.9	8.9 – 11.0	
use of special equipment	-				
Fruits and Vegetables					
Adults who consume 5 or more servings of	23.0	17.7 – 28.3	21.1	19.5 – 22.3	
fruits or vegetables per day					
General Health Status	76.6	71.0 01.2	77.2	75.0.70.6	
Adults who reported good or better health Health Care Access/Coverage	76.6	71.9 – 81.3	77.2	75.8 – 78.6	
Adults who have health care coverage	86.5	82.0 – 90.9	84.4	82.9 – 85.9	
Adults aged 18-64 who have health care					
coverage	84.3	78.9 – 89.7	81.3	79.6 – 83.1	
Hypertension Awareness					
Adults who have high blood pressure	31.3	26.1 - 36.6	36.4	34.7 - 38.1	
Immunization	31.3	20.1 30.0	30.1	31.7 30.1	
Adults aged 65+ who had a flu shot in past year	61.7	53.5 – 70.0	70.5	68.0 - 73.0	
Adults aged 65+ who have ever had a					
pneumonia vaccination	57.6	49.0 – 66.1	66.8	64.2 – 69.5	
Overweight and Obesity (BMI)					
Adults who are overweight (BMI = 25.0 – 29.9)	33.4	27.8 - 39.0	34.7	32.9 – 36.5	
Adults who are obese(BMI ≥ 30.0)	31.7	25.5 – 37.9	32.4	30.6 - 34.1	
Physical Activity					
Adults who participate in any physical activity	68.1	62.5 – 73.7	70.3	68.7 – 71.9	
Adults who meet moderate or vigorous	43.4	36.8 - 49.9	457	43.7 - 47.6	
physical activity recommendations	43.4	30.0 - 49.9	45.7	43.7 - 47.0	
Tobacco Use					
Adults who are current smokers	26.0	20.0 - 31.9	25.6	23.9 – 27.3	

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Dia Candy ADD		Sandy	Kentucky	
Big Sandy ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.6	1.3 - 6.0	4.8	3.7 - 5.8
Adults who reported binge drinking	9.9	6.6 - 13.2	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	41.8	37.0 - 46.6	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	14.4	10.8 - 18.0	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	18.8	14.8 – 22.7	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	11.3	8.1 - 14.4	5.9	5.2 - 6.6
Adults who have coronary heart disease	10.6	7.5 – 13.8	6.0	5.3 - 6.6
Adults who have ever had a stroke	6.2	4.0 - 8.5	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	78.2	73.6 -82.9	78.3	76.5 – 80.1
in past 5 years	70.2	73.0 -02.9	70.3	
Adults with high blood cholesterol	49.9	44.7 – 55.0	41.6	39.8 – 43.5
Diabetes				
Adults who have Diabetes	16.0	12.7 – 19.4	11.5	10.5 – 12.5
Disability				
Adults with limited activity due to physical, mental, or emotional problems	37.9	33.2 - 42.6	24.8	23.3 - 26.3
Adults with health problem(s) that requires the	14.8	11.4 - 18.3	9.9	8.9 - 11.0
use of special equipment	14.0	11.4 - 10.3	9.9	0.9 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	16.7	13.0 - 20.4	21.1	19.5 – 22.3
fruits or vegetables per day	10.7	13.0 - 20.4	21.1	17.5 - 22.5
General Health Status				
Adults who reported good or better health	65.8	61.3 – 70.3	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	76.7	72.1 – 81.3	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	72.2	66.8 – 77.6	81.3	79.6 - 83.1
coverage				
Hypertension Awareness	40.5	200 405	26.4	0.4.7. 00.4
Adults who have high blood pressure	43.7	38.9 – 48.5	36.4	34.7 - 38.1
Immunization	(0.4	40.7 71.1	70.5	(0,0, 72,0
Adults aged 65+ who had a flu shot in past year	60.4	49.7 – 71.1	70.5	68.0 - 73.0
Adults aged 65+ who have ever had a	64.5	53.8 – 75.2	66.8	64.2 - 69.5
pneumonia vaccination				
Overweight and Obesity (BMI)	30.7	26.1 - 35.3	247	32.9 - 36.5
Adults who are overweight (BMI = 25.0 – 29.9)	38.0	33.1 – 42.8	34.7 32.4	30.6 - 34.1
Adults who are obese(BMI ≥ 30.0) Physical Activity	30.0	33.1 - 42.0	34.4	30.0 - 34.1
Adults who participate in any physical activity	59.8	55.1 – 64.5	70.3	68.7 - 71.9
Adults who meet moderate or vigorous			70.3	
physical activity recommendations	37.8	32.7 – 42.9	45.7	43.7 – 47.6
Tobacco Use				
Adults who are current smokers	32.0	27.2 - 36.9	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Dly ograce ADD	Bluegrass ADD Bluegrass		Kentucky	
Bluegrass ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.3	1.5 - 5.1	4.8	3.7 - 5.8
Adults who reported binge drinking	11.2	7.4 – 15.1	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	33.4	28.3 - 38.6	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	10.3	6.3 - 14.2	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	15.2	10.6 - 19.8	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	3.1	1.6 - 4.5	5.9	5.2 - 6.6
Adults who have coronary heart disease	4.5	2.7 - 6.3	6.0	5.3 - 6.6
Adults who have ever had a stroke	1.8	0.8 - 2.8	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	80.5	75.0 -86.0	78.3	76.5 - 80.1
in past 5 years				
Adults with high blood cholesterol	44.8	38.9 – 50.7	41.6	39.8 – 43.5
Diabetes				
Adults who have Diabetes	8.9	6.3 – 11.6	11.5	10.5 – 12.5
Disability				
Adults with limited activity due to physical,	20.0	15.6 - 24.5	24.8	23.3 – 26.3
mental, or emotional problems	20.0	13.0 - 24.3	24.0	25.5 - 20.5
Adults with health problem(s) that requires the	9.8	6.5 - 13.1	9.9	8.9 – 11.0
use of special equipment	J.0	0.5 15.1		0.9 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	20.9	16.3 – 25.4	21.1	19.5 – 22.3
fruits or vegetables per day				
General Health Status				
Adults who reported good or better health	81.2	77.1 – 85.4	77.2	75.8 – 78.6
Health Care Access/Coverage	00.6	77.4 07.0	0.1.1	000 050
Adults who have health care coverage	82.6	77.4 – 87.9	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	79.4	73.3 – 85.5	81.3	79.6 - 83.1
coverage				
Hypertension Awareness	22.6	20 (20 (26.4	247 201
Adults who have high blood pressure	33.6	28.6 – 38.6	36.4	34.7 – 38.1
Immunization	70.1	70.8 - 85.5	70.5	69.0 72.0
Adults aged 65+ who had a flu shot in past year Adults aged 65+ who have ever had a	78.1	70.0 - 05.5	70.5	68.0 - 73.0
pneumonia vaccination	67.4	58.3 - 76.5	66.8	64.2 - 69.5
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.9	28.4 - 39.3	34.7	32.9 – 36.5
Adults who are obese(BMI \geq 30.0)	32.5	26.9 - 38.1	32.4	30.6 - 34.1
Physical Activity	34.3	20.9 - 30.1	34.4	30.0 - 34.1
Adults who participate in any physical activity	73.7	68.9 – 78.6	70.3	68.7 – 71.9
Adults who meet moderate or vigorous				
physical activity recommendations	46.4	40.5 – 52.2	45.7	43.7 – 47.6
Tobacco Use				
Adults who are current smokers	21.5	16.3 - 26.8	25.6	23.9 – 27.3
munts who are cultellesillokers	41.3	10.3 - 20.0	45.0	43.7 - 41.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

D CC I M ADD		Buffalo Trace		Kentucky	
Buffalo Trace ADD	%	95% CI	%	95% CI	
Alcohol Consumption					
Adults who reported heavy drinking	5.5	1.2 - 9.8	4.8	3.7 - 5.8	
Adults who reported binge drinking	11.7	6.9 - 16.5	12.4	10.8 - 13.9	
Arthritis					
Adults who have arthritis	31.6	26.0 - 37.2	35.6	33.8 - 37.3	
Asthma					
Adults who currently have asthma	9.4	6.5 – 12.3	10.2	9.0 - 11.3	
Lifetime asthma prevalence among adults	12.9	9.2 - 16.5	14.9	13.5 - 16.2	
Cardiovascular Disease					
Adults who have ever had a heart attack	6.0	3.9 - 8.2	5.9	5.2 - 6.6	
Adults who have coronary heart disease	6.1	3.9 - 8.3	6.0	5.3 - 6.6	
Adults who have ever had a stroke	5.6	2.7 – 8.5	3.7	3.1 - 4.3	
Cholesterol Awareness					
Adults who had their blood cholesterol checked	5 0.0	5 0.0 04.0	5 00	T. F. 00.4	
in past 5 years	78.3	72.3 – 84.2	78.3	76.5 – 80.1	
Adults with high blood cholesterol	36.7	30.9 - 42.5	41.6	39.8 - 43.5	
Diabetes					
Adults who have Diabetes	14.2	10.3 - 18.1	11.5	10.5 - 12.5	
Disability					
Adults with limited activity due to physical,	22.4	10.2 20.6	240	22.2.26.2	
mental, or emotional problems	23.4	18.3 – 28.6	24.8	23.3 – 26.3	
Adults with health problem(s) that requires the	0.0	(4 11 5	0.0	0.0 11.0	
use of special equipment	8.9	6.4 – 11.5	9.9	8.9 – 11.0	
Fruits and Vegetables					
Adults who consume 5 or more servings of	18.2	13.3 - 23.1	21.1	19.5 - 22.3	
fruits or vegetables per day	10.2	15.5 - 25.1	21.1	19.5 - 22.5	
General Health Status					
Adults who reported good or better health	73.2	67.9 – 78.6	77.2	75.8 – 78.6	
Health Care Access/Coverage					
Adults who have health care coverage	81.6	76.5 – 86.8	84.4	82.9 – 85.9	
Adults aged 18-64 who have health care	77.3	71.0 - 83.7	81.3	79.6 - 83.1	
coverage	77.3	71.0 - 05.7	01.5	7 7.0 - 03.1	
Hypertension Awareness					
Adults who have high blood pressure	36.4	30.8 – 42.0	36.4	34.7 – 38.1	
Immunization					
Adults aged 65+ who had a flu shot in past year	65.8	57.3 – 74.3	70.5	68.0 - 73.0	
Adults aged 65+ who have ever had a	62.7	53.9 - 71.6	66.8	64.2 - 69.5	
pneumonia vaccination	02.7	33.7 71.0	00.0	01.2 07.5	
Overweight and Obesity (BMI)					
Adults who are overweight (BMI = 25.0 – 29.9)	36.7	30.1 – 43.2	34.7	32.9 – 36.5	
Adults who are obese(BMI ≥ 30.0)	33.6	27.7 – 39.6	32.4	30.6 - 34.1	
Physical Activity					
Adults who participate in any physical activity	69.6	64.3 – 75.0	70.3	68.7 – 71.9	
Adults who meet moderate or vigorous	46.9	40.3 - 53.5	45.7	43.7 – 47.6	
physical activity recommendations	10.7	10.0 00.0	15.7	10.7 17.10	
Tobacco Use					
Adults who are current smokers	29.2	23.0 – 35.3	25.6	23.9 – 27.3	

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Cumbonland Valley ADD	Cumberland Valley		Kentucky	
Cumberland Valley ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.6	0.1 - 11.1	4.8	3.7 - 5.8
Adults who reported binge drinking	8.9	3.2 - 14.6	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	43.4	37.7 – 49.1	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	13.4	9.8 – 16.9	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	16.7	12.8 – 20.5	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	7.9	5.4 – 10.5	5.9	5.2 - 6.6
Adults who have coronary heart disease	7.3	4.8 - 9.7	6.0	5.3 - 6.6
Adults who have ever had a stroke	4.3	2.1 - 6.5	3.7	3.1 - 4.3
Cholesterol Awareness	-10			
Adults who had their blood cholesterol checked	0	-1- 000		- (- 00)
in past 5 years	77.8	71.7 – 83.9	78.3	76.5 – 80.1
Adults with high blood cholesterol	40.1	34.8 – 45.5	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	14.6	11.1 - 18.2	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	22.2	25.0	240	22.2.2.2
mental, or emotional problems	33.2	27.9 – 38.6	24.8	23.3 – 26.3
Adults with health problem(s) that requires the	40.0	0.0 455	0.0	0.0 11.0
use of special equipment	12.2	8.9 – 15.5	9.9	8.9 – 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	21.4	160 261	21.1	10 5 22 2
fruits or vegetables per day	21.4	16.8 – 26.1	21.1	19.5 – 22.3
General Health Status				
Adults who reported good or better health	64.6	59.3 – 69.8	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	76.8	70.7 - 83.0	84.4	82.9 - 85.9
Adults aged 18-64 who have health care	72.5	65.3 – 79.8	81.3	79.6 - 83.1
coverage	72.5	05.5 - 79.0	01.3	79.0 - 03.1
Hypertension Awareness				
Adults who have high blood pressure	38.6	33.3 – 43.8	36.4	34.7 - 38.1
Immunization				
Adults aged 65+ who had a flu shot in past year	68.8	60.4 – 77.2	70.5	68.0 - 73.0
Adults aged 65+ who have ever had a	68.7	60.1 – 77.2	66.8	64.2 - 69.5
pneumonia vaccination	00.7	00.1 - 77.2	00.0	04.2 - 09.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.6	30.2 - 41.0	34.7	32.9 – 36.5
Adults who are obese(BMI ≥ 30.0)	32.1	26.8 – 37.4	32.4	30.6 - 34.1
Physical Activity				
Adults who participate in any physical activity	62.8	57.4 - 68.1	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	41.8	35.8 – 47.9	45.7	43.7 – 47.6
physical activity recommendations	41.0	33.0 - 47.7	TJ./	73.7 - 77.0
Tobacco Use				
Adults who are current smokers	30.9	25.6 – 36.3	25.6	23.9 – 27.3

 $^{\% =} Percentage, CI = Confidence\ Interval.\ All\ Percentages\ are\ weighted\ to\ population\ characteristics.$

FWCO ADD	FI	FIVCO		Kentucky	
FIVCO ADD	%	95% CI	%	95% CI	
Alcohol Consumption					
Adults who reported heavy drinking	2.4	0.9 -4.0	4.8	3.7 - 5.8	
Adults who reported binge drinking	6.6	3.5 - 9.6	12.4	10.8 - 13.9	
Arthritis					
Adults who have arthritis	41.6	35.6 – 47.7	35.6	33.8 - 37.3	
Asthma					
Adults who currently have asthma	11.7	7.0 - 16.4	10.2	9.0 - 11.3	
Lifetime asthma prevalence among adults	15.5	10.6 -20.5	14.9	13.5 - 16.2	
Cardiovascular Disease					
Adults who have ever had a heart attack	6.0	3.8 - 8.3	5.9	5.2 - 6.6	
Adults who have coronary heart disease	8.3	5.6 - 11.1	6.0	5.3 - 6.6	
Adults who have ever had a stroke	2.1	1.0 - 3.2	3.7	3.1 - 4.3	
Cholesterol Awareness					
Adults who had their blood cholesterol checked	81.5	76.1 - 86.9	78.3	76.5 - 80.1	
in past 5 years					
Adults with high blood cholesterol	43.3	37.1 – 49.5	41.6	39.8 – 43.5	
Diabetes					
Adults who have Diabetes	13.0	9.5 - 16.6	11.5	10.5 – 12.5	
Disability					
Adults with limited activity due to physical,	30.4	24.5 - 36.3	24.8	23.3 – 26.3	
mental, or emotional problems	50.1	21.5 50.5	2 1.0	23.3 20.3	
Adults with health problem(s) that requires the	9.5	6.6 - 12.3	9.9	8.9 – 11.0	
use of special equipment	7.0	0.0 12.5		0.7 11.0	
Fruits and Vegetables					
Adults who consume 5 or more servings of	18.7	13.9 – 23.6	21.1	19.5 – 22.3	
fruits or vegetables per day	10.7	10.7 20.0		19.0 12.0	
General Health Status					
Adults who reported good or better health	72.4	66.9 – 77.9	77.2	75.8 – 78.6	
Health Care Access/Coverage	5 0.0	70.5	0.4.4	00.0 05.0	
Adults who have health care coverage	78.2	72.5 – 84.0	84.4	82.9 – 85.9	
Adults aged 18-64 who have health care	72.9	66.0 – 79.9	81.3	79.6 – 83.1	
coverage					
Hypertension Awareness	41.4	25.7 47.2	26.4	247 201	
Adults who have high blood pressure	41.4	35.7 – 47.2	36.4	34.7 – 38.1	
Immunization Adults agad 65 - who had a fly shot in past year	67.0	572 70 F	70 F	600 720	
Adults aged 65+ who had a flu shot in past year	67.8	57.2 – 78.5	70.5	68.0 - 73.0	
Adults aged 65+ who have ever had a pneumonia vaccination	65.4	54.3 - 76.5	66.8	64.2 – 69.5	
Overweight and Obesity (BMI)					
Adults who are overweight (BMI = 25.0 – 29.9)	36.3	30.4 – 42.1	34.7	32.9 – 36.5	
Adults who are obese(BMI \geq 30.0)	37.1	31.2 - 43.0	32.4	30.6 - 34.1	
Physical Activity	3/.1	31.4 - 43.0	34.4	30.0 - 34.1	
Adults who participate in any physical activity	65.5	60.1 – 71.0	70.3	68.7 – 71.9	
Adults who meet moderate or vigorous	03.3	00.1 - / 1.0	70.5	00.7 - 71.9	
physical activity recommendations	40.4	34.2 - 46.6	45.7	43.7 – 47.6	
Tobacco Use					
Adults who are current smokers	22.2	17.4 – 27.0	25.6	23.9 – 27.3	
riadio will die current silloners	44.4	17.1 - 47.0	43.0	20.7 - 27.0	

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Cotovery ADD Gatew		teway	Ker	ntucky
Gateway ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.2	1.1 - 5.2	4.8	3.7 - 5.8
Adults who reported binge drinking	9.4	4.7 - 14.1	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	35.2	29.4 - 41.0	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	7.4	4.5 - 10.4	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	15.6	11.0 - 20.2	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	6.4	3.5 - 9.2	5.9	5.2 - 6.6
Adults who have coronary heart disease	6.1	3.2 - 9.0	6.0	5.3 - 6.6
Adults who have ever had a stroke	5.0	2.2 - 7.8	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	75.0	(0,0,02,6	70.2	765 001
in past 5 years	75.8	69.0 – 82.6	78.3	76.5 – 80.1
Adults with high blood cholesterol	41.7	35.5 - 47.8	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	10.6	7.1 - 14.0	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	27.8	22.2 - 33.4	24.8	23.3 - 26.3
mental, or emotional problems	27.0	22.2 - 33.4	24.0	23.3 - 20.3
Adults with health problem(s) that requires the	8.5	4.8 - 12.3	9.9	8.9 – 11.0
use of special equipment	0.5	4.0 - 12.5	J. J	0.7 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	24.9	18.6 - 31.3	21.1	19.5 – 22.3
fruits or vegetables per day	21.9	10.0 31.0	21.1	19.0 22.0
General Health Status				
Adults who reported good or better health	74.4	69.1 – 79.7	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	76.6	70.0 - 83.1	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	71.8	64.2 – 79.4	81.3	79.6 – 83.1
coverage	_			
Hypertension Awareness				
Adults who have high blood pressure	35.1	29.1 – 41.1	36.4	34.7 – 38.1
Immunization		710 770		60.0
Adults aged 65+ who had a flu shot in past year	63.3	51.3 - 75.2	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	61.4	49.3 - 73.6	66.8	64.2 - 69.5
pneumonia vaccination				
Overweight and Obesity (BMI)	20-	212 271		22.2.2.5
Adults who are overweight (BMI = 25.0 – 29.9)	29.7	24.3 - 35.1	34.7	32.9 – 36.5
Adults who are obese(BMI ≥ 30.0)	34.7	28.3 – 41.1	32.4	30.6 – 34.1
Physical Activity	F 0.0	(10 767	F 0.0	60.5 51.6
Adults who participate in any physical activity	70.8	64.9 – 76.7	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	50.6	43.8 – 57.4	45.7	43.7 - 47.6
physical activity recommendations				
Tobacco Use	25.0	20 5 42 2	25.6	22.0 27.2
Adults who are current smokers	35.9	29.5 – 42.3	25.6	23.9 – 27.3

^{% =} Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Corres D'orra ADD		Green River		Kentucky	
Green River ADD	%	95% CI	%	95% CI	
Alcohol Consumption					
Adults who reported heavy drinking	4.8	1.7 – 7.9	4.8	3.7 - 5.8	
Adults who reported binge drinking	14.7	8.7 – 20.6	12.4	10.8 - 13.9	
Arthritis					
Adults who have arthritis	33.8	28.1 - 39.5	35.6	33.8 - 37.3	
Asthma					
Adults who currently have asthma	11.6	7.4 – 15.7	10.2	9.0 - 11.3	
Lifetime asthma prevalence among adults	16.6	11.3 - 21.9	14.9	13.5 - 16.2	
Cardiovascular Disease					
Adults who have ever had a heart attack	7.7	5.1 – 10.3	5.9	5.2 - 6.6	
Adults who have coronary heart disease	8.0	5.5 - 10.6	6.0	5.3 - 6.6	
Adults who have ever had a stroke	3.8	2.0 - 5.6	3.7	3.1 - 4.3	
Cholesterol Awareness					
Adults who had their blood cholesterol checked	77.6	71.1 04.2	70.0	765 004	
in past 5 years	77.6	71.1 – 84.2	78.3	76.5 – 80.1	
Adults with high blood cholesterol	42.9	36.6 - 49.1	41.6	39.8 - 43.5	
Diabetes					
Adults who have Diabetes	13.6	9.0 - 18.2	11.5	10.5 - 12.5	
Disability					
Adults with limited activity due to physical,	24.3	19.5 – 29.0	24.8	23.3 - 26.3	
mental, or emotional problems	24.3	19.5 - 29.0	24.0	23.3 - 20.3	
Adults with health problem(s) that requires the	9.3	6.7 – 12.0	9.9	8.9 – 11.0	
use of special equipment	9.3	0.7 - 12.0	9.9	0.9 - 11.0	
Fruits and Vegetables					
Adults who consume 5 or more servings of	15.1	11.1 – 19.2	21.1	19.5 – 22.3	
fruits or vegetables per day	13.1	11.1 - 17.2	21.1	17.3 - 22.3	
General Health Status					
Adults who reported good or better health	75.8	70.5 – 81.1	77.2	75.8 – 78.6	
Health Care Access/Coverage					
Adults who have health care coverage	87.0	81.7 – 92.4	84.4	82.9 – 85.9	
Adults aged 18-64 who have health care	84.0	77.5 – 90.5	81.3	79.6 – 83.1	
coverage	0 110	7710 7010		7 710 0012	
Hypertension Awareness					
Adults who have high blood pressure	38.3	32.5 – 44.2	36.4	34.7 – 38.1	
Immunization	60.0	(1.0 55.0	505	60.0 50.0	
Adults aged 65+ who had a flu shot in past year	69.8	61.8 – 77.9	70.5	68.0 – 73.0	
Adults aged 65+ who have ever had a	72.3	64.8 – 79.8	66.8	64.2 - 69.5	
pneumonia vaccination					
Overweight and Obesity (BMI)	25.2	20.4.44.2	247	22.0 26.5	
Adults who are overweight (BMI = 25.0 – 29.9)	35.3	29.4 - 41.3	34.7	32.9 – 36.5	
Adults who are obese(BMI ≥ 30.0)	33.4	27.1 – 39.7	32.4	30.6 – 34.1	
Physical Activity	70.0	(75 774	70.2	(0.7. 74.0	
Adults who participate in any physical activity	72.3	67.5 – 77.1	70.3	68.7 – 71.9	
Adults who meet moderate or vigorous	46.1	39.4 - 52.8	45.7	43.7 – 47.6	
physical activity recommendations					
Tobacco Use	20.1	22.0 25.4	25.6	22.0 27.2	
Adults who are current smokers	29.1	22.9 – 35.4	25.6	23.9 – 27.3	

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Wasteralas D'assa ADD	Kentucky River		Kentucky	
Kentucky River ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.4	0.8 - 6.0	4.8	3.7 - 5.8
Adults who reported binge drinking	9.2	4.9 -13.4	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	44.2	38.6 - 49.8	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	11.5	8.0 - 15.1	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	18.6	13.9 - 23.3	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.3	5.7 – 12.9	5.9	5.2 - 6.6
Adults who have coronary heart disease	10.7	7.0 - 14.4	6.0	5.3 - 6.6
Adults who have ever had a stroke	6.3	3.1 – 9.4	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	77.4	72.1 - 82.7	70.2	76 - 00 1
in past 5 years	77.4	/2.1 - 82./	78.3	76.5 – 80.1
Adults with high blood cholesterol	45.5	39.6 - 51.4	41.6	39.8 – 43.5
Diabetes				
Adults who have Diabetes	15.7	12.0 - 19.3	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	36.9	31.3 – 42.5	24.8	23.3 - 26.3
mental, or emotional problems	30.7	31.3 - 42.3	24.0	23.3 - 20.3
Adults with health problem(s) that requires the	16.3	12.0 - 20.6	9.9	8.9 – 11.0
use of special equipment	10.3	12.0 - 20.0	<i>y.y</i>	0.7 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	19.6	14.7 – 24.4	21.1	19.5 – 22.3
fruits or vegetables per day	1710	1117 2111		1910 2210
General Health Status				
Adults who reported good or better health	63.6	58.3 – 69.0	77.2	75.8 – 78.6
Health Care Access/Coverage	000			22.2 25.2
Adults who have health care coverage	80.3	75.5 – 85.1	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	76.2	70.5 – 81.9	81.3	79.6 – 83.1
coverage				
Hypertension Awareness	4.4.7	20.2 50.2	26.4	247 201
Adults who have high blood pressure	44.7	39.2 – 50.2	36.4	34.7 – 38.1
Immunization	67.1	F7.0 77.2	70.5	(0.0 72.0
Adults aged 65+ who had a flu shot in past year	67.1	57.0 – 77.2	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	65.5	55.1 – 76.0	66.8	64.2 – 69.5
pneumonia vaccination Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	27.2	21 7 42 7	217	32.9 – 36.5
Adults who are overweight (BMI = $25.0 - 29.9$) Adults who are obese(BMI ≥ 30.0)	37.2	31.7 -42.7 29.9 - 41.2	34.7	+
	35.6	47.7 - 41.Z	32.4	30.6 – 34.1
Physical Activity Adults who participate in any physical activity	61.3	55.7 – 66.9	70.3	69.7 71.0
Adults who participate in any physical activity Adults who meet moderate or vigorous	01.3	33.7 - 00.9	70.3	68.7 – 71.9
physical activity recommendations	36.9	31.2 – 42.7	45.7	43.7 – 47.6
Tobacco Use				
Adults who are current smokers	34.4	28.7 – 40.1	25.6	23.9 – 27.3
munics who are current shlokers	34.4	20.7 - 40.1	۷۵.0	43.7 - 41.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

MIDDA ADD	KIPDA		KENTUCKY	
KIPDA ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.4	2.0 - 8.8	4.8	3.7 - 5.8
Adults who reported binge drinking	13.6	9.3 – 17.9	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	37.6	32.8 - 42.5	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	9.1	6.3 - 11.9	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	13.8	10.5 – 17.1	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.8	3.7 – 7.9	5.9	5.2 - 6.6
Adults who have coronary heart disease	4.6	3.2 - 6.0	6.0	5.3 - 6.6
Adults who have ever had a stroke	3.1	1.1 - 5.0	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	80.5	75.6 – 85.4	78.3	76.5 – 80.1
in past 5 years	00.5		70.3	
Adults with high blood cholesterol	38.5	33.6 - 43.5	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	12.9	10.0 - 15.8	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	24.8	20.5 - 29.0	24.8	23.3 - 26.3
mental, or emotional problems	24.0	20.3 - 27.0	24.0	23.3 - 20.3
Adults with health problem(s) that requires the	10.0	7.1 – 13.0	9.9	8.9 – 11.0
use of special equipment	10.0	7.1 - 13.0	<i>y.y</i>	0.7 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	26.0	21.2 - 30.7	21.1	19.5 – 22.3
fruits or vegetables per day	20.0	21.2 30.7	21.1	17.5 22.5
General Health Status				
Adults who reported good or better health	81.5	77.9 – 85.1	77.2	75.8 – 78.6
Health Care Access/Coverage			-	
Adults who have health care coverage	88.6	85.3 – 91.8	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	86.3	82.3 - 90.2	81.3	79.6 - 83.1
coverage				
Hypertension Awareness	05.4	00.6 40.4	26.4	24.5
Adults who have high blood pressure	37.4	32.6 – 42.1	36.4	34.7 – 38.1
Immunization	70.0	640 550	50.5	60.0 70.0
Adults aged 65+ who had a flu shot in past year	70.9	64.0 – 77.8	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	68.3	61.2 – 75.4	66.8	64.2 - 69.5
pneumonia vaccination				
Overweight and Obesity (BMI)	22.4	272 276	247	22.0 26.5
Adults who are overweight (BMI = 25.0 – 29.9)	32.4	27.3 – 37.6	34.7	32.9 - 36.5
Adults who are obese(BMI ≥ 30.0)	32.7	28.0 – 37.5	32.4	30.6 - 34.1
Physical Activity	72.6	604 770	70.2	607 710
Adults who participate in any physical activity	73.6	69.4 – 77.8	70.3	68.7 – 71.9
Adults who meet moderate or vigorous physical activity recommendations	45.4	40.1 - 50.7	45.7	43.7 - 47.6
Adults who are current smokers	22.2	105 201	25.6	220 272
Adults who are current smokers	23.3	18.5 – 28.1	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.3	0.7 -5.9	4.8	3.7 - 5.8
Adults who reported binge drinking	7.7	4.3 - 11.1	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	39.8	34.7 - 44.9	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	11.2	7.8 – 14.7	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	15.3	11.4 - 19.2	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	9.3	6.6 - 12.0	5.9	5.2 - 6.6
Adults who have coronary heart disease	9.3	6.6 - 12.1	6.0	5.3 - 6.6
Adults who have ever had a stroke	6.2	4.0 - 8.5	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	70.1	(7.7. 70.5	70.2	765 004
in past 5 years	73.1	67.7 – 78.5	78.3	76.5 – 80.1
Adults with high blood cholesterol	44.8	39.2 – 50.4	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	13.1	10.1 - 16.1	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	28.3	23.9 - 32.7	24.0	23.3 - 26.3
mental, or emotional problems	20.3	23.9 - 32.7	24.8	23.3 - 20.3
Adults with health problem(s) that requires the	13.0	9.6 - 16.4	9.9	8.9 - 11.0
use of special equipment	13.0	9.0 - 10.4	9.9	0.9 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	16.4	12.7 – 20.1	21.1	19.5 – 22.3
fruits or vegetables per day	10.4	12.7 - 20.1	21.1	17.3 - 22.3
General Health Status				
Adults who reported good or better health	66.3	61.1 – 71.6	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	82.7	78.6 – 86.8	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	78.6	73.5 – 83.7	81.3	79.6 - 83.1
coverage	7 0.0	7 3.5 03.7	01.5	7 7.0 05.1
Hypertension Awareness				
Adults who have high blood pressure	36.6	31.8 – 41.4	36.4	34.7 – 38.1
Immunization				
Adults aged 65+ who had a flu shot in past year	72.9	65.9 – 80.0	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	69.7	62.1 – 77.3	66.8	64.2 - 69.5
pneumonia vaccination				
Overweight and Obesity (BMI)	20.0	22.4 42.6	2.4.5	22.0 26.5
Adults who are overweight (BMI = 25.0 – 29.9)	38.3	33.1 – 43.6	34.7	32.9 - 36.5
Adults who are obese(BMI ≥ 30.0)	30.2	25.4 – 35.1	32.4	30.6 - 34.1
Physical Activity	(4.0	F.C.F. (7.4)	70.2	607 746
Adults who participate in any physical activity	61.8	56.5 – 67.1	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	42.8	37.3 – 48.4	45.7	43.7 – 47.6
physical activity recommendations				
Tobacco Use	22.4	27.5 20.7	25.6	22.0 27.2
Adults who are current smokers	33.1	27.5 – 38.7	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Lincoln Troil ADD	Lincoln Trail		Kentucky	
Lincoln Trail ADD	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.7	0.7 - 6.8	4.8	3.7 - 5.8
Adults who reported binge drinking	9.8	5.8 - 13.9	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	28.4	23.8 – 32.9	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	9.1	5.6 - 12.5	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	13.3	9.3 – 17.2	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.1	2.6 - 7.5	5.9	5.2 - 6.6
Adults who have coronary heart disease	5.0	3.3 - 6.7	6.0	5.3 - 6.6
Adults who have ever had a stroke	3.5	1.3 – 5.7	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	79.7	74.7 – 84.8	78.3	76.5 – 80.1
in past 5 years				
Adults with high blood cholesterol	35.8	30.5 – 41.1	41.6	39.8 – 43.5
Diabetes				
Adults who have Diabetes	12.3	8.9 - 15.8	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	19.5	15.7 – 23.4	24.8	23.3 – 26.3
mental, or emotional problems	17.5	15.7 – 25.4	24.0	25.5 - 20.5
Adults with health problem(s) that requires the	7.8	5.0 – 10.7	9.9	8.9 – 11.0
use of special equipment	7.0	5.0 10.7	7.7	0.7 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	22.5	17.5 – 27.4	21.1	19.5 – 22.3
fruits or vegetables per day		1710 2711	21.1	1918 2218
General Health Status				
Adults who reported good or better health	82.2	78.6 – 85.8	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	83.6	78.5 – 88.7	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	80.8	74.8 - 86.8	81.3	79.6 – 83.1
coverage				
Hypertension Awareness	22.0	27.0 20.4	26.4	0.4.5
Adults who have high blood pressure	33.0	27.8 – 38.1	36.4	34.7 – 38.1
Immunization	72.6	(5.2, 01.0	70.5	(0.0 72.0
Adults aged 65+ who had a flu shot in past year	73.6	65.3 – 81.8	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	67.9	59.0 – 76.9	66.8	64.2 - 69.5
pneumonia vaccination				
Overweight and Obesity (BMI)	20.2	22 6 45 1	247	22.0 26.5
Adults who are overweight (BMI = 25.0 – 29.9)	39.3	33.6 – 45.1	34.7	32.9 - 36.5
Adults who are obese(BMI ≥ 30.0)	31.1	25.7 – 36.6	32.4	30.6 - 34.1
Physical Activity Adults who participate in any physical activity	72 5	60.0 77.0	70.2	607 710
Adults who participate in any physical activity	73.5	69.0 – 77.9	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	49.2	43.1 – 55.3	45.7	43.7 - 47.6
physical activity recommendations Tobacco Use				
Adults who are current smokers	23.9	100 200	25.6	22.0 27.2
Addits who are current shokers	23.9	18.8 – 29.0	45.0	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	7.7	3.5 -11.9	4.8	3.7 - 5.8
Adults who reported binge drinking	18.0	12.6 - 23.4	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	31.4	26.1 - 36.8	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	7.9	5.0 – 10.7	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	13.3	9.5 – 17.1	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.2	2.8 - 7.6	5.9	5.2 - 6.6
Adults who have coronary heart disease	4.8	2.5 - 7.1	6.0	5.3 - 6.6
Adults who have ever had a stroke	3.0	1.5 – 4.5	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	70.1	727 046	70.2	765 004
in past 5 years	79.1	73.7 – 84.6	78.3	76.5 – 80.1
Adults with high blood cholesterol	39.1	33.0 - 45.2	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	7.9	5.2 - 10.6	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	21.2	167 256	24.0	22.2.26.2
mental, or emotional problems	21.2	16.7 – 25.6	24.8	23.3 – 26.3
Adults with health problem(s) that requires the	5.5	3.4 - 7.6	9.9	8.9 - 11.0
use of special equipment	5.5	3.4 - 7.6	9.9	8.9 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	19.0	14.1 - 24.0	21.1	19.5 – 22.3
fruits or vegetables per day	19.0	14.1 - 24.0	21.1	19.3 - 22.3
General Health Status				
Adults who reported good or better health	82.2	77.8 – 86.6	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	89.7	86.1 – 93.2	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	88.4	84.4 – 92.5	81.3	79.6 - 83.1
coverage	00.1	01.1 72.5	01.5	7 7.0 05.1
Hypertension Awareness				
Adults who have high blood pressure	35.0	29.4 – 40.6	36.4	34.7 – 38.1
Immunization				
Adults aged 65+ who had a flu shot in past year	75.0	66.7 – 83.3	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	71.1	62.1 - 80.1	66.8	64.2 - 69.5
pneumonia vaccination	, 111	02.1 00.1		0112 0518
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	39.0	33.0 - 45.1	34.7	32.9 – 36.5
Adults who are obese(BMI ≥ 30.0)	27.9	22.5 – 33.2	32.4	30.6 - 34.1
Physical Activity	=-		== -	10 = 111
Adults who participate in any physical activity	72.4	67.3 – 77.5	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	53.3	47.1 – 59.4	45.7	43.7 - 47.6
physical activity recommendations		5711		
Tobacco Use	00.6	400 000	05.6	22.0 27.3
Adults who are current smokers	23.6	18.3 – 28.9	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Pennyrile ADD	Pennyrile		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	8.7	3.2 - 14.3	4.8	3.7 - 5.8
Adults who reported binge drinking	15.8	8.6 - 23.1	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	31.4	25.5 – 37.4	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	11.6	6.5 - 16.6	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	16.2	10.4 - 22.0	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	4.8	2.6 - 7.0	5.9	5.2 - 6.6
Adults who have coronary heart disease	5.1	2.9 - 7.4	6.0	5.3 - 6.6
Adults who have ever had a stroke	5.7	2.0 - 9.5	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	70.0	(20 77 (70.0	765 001
in past 5 years	70.2	62.9 – 77.6	78.3	76.5 – 80.1
Adults with high blood cholesterol	46.4	39.3 – 53.5	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	10.3	7.2 - 13.3	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	22.1	17.6 - 28.6	24.0	22.2.26.2
mental, or emotional problems	23.1	17.0 - 28.0	24.8	23.3 – 26.3
Adults with health problem(s) that requires the	9.9	5.9 - 14.0	9.9	8.9 - 11.0
use of special equipment	9.9	5.9 - 14.0	9.9	0.9 - 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	17.1	12.3 - 21.9	21.1	19.5 - 22.3
fruits or vegetables per day	17.1	12.5 - 21.9	21.1	19.3 - 22.3
General Health Status				
Adults who reported good or better health	75.0	69.3 – 80.6	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	80.7	74.3 – 87.1	84.4	82.9 – 85.9
Adults aged 18-64 who have health care	76.5	68.7 - 84.2	81.3	79.6 – 83.1
coverage	70.5	00.7 - 04.2	01.5	7 7.0 - 03.1
Hypertension Awareness				
Adults who have high blood pressure	34.3	28.4 – 40.3	36.4	34.7 – 38.1
Immunization				
Adults aged 65+ who had a flu shot in past year	67.8	58.7 – 76.8	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	60.0	51.0 - 68.9	66.8	64.2 – 69.5
pneumonia vaccination		31.0 00.9		01.2 07.5
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.0	28.2 – 41.9	34.7	32.9 – 36.5
Adults who are obese(BMI ≥ 30.0)	32.1	25.7 – 38.4	32.4	30.6 - 34.1
Physical Activity				
Adults who participate in any physical activity	70.1	64.4 – 75.7	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	47.7	40.7 - 54.8	45.7	43.7 – 47.6
physical activity recommendations	.,.,	10.7 5 1.0	10.7	15.7 17.10
Tobacco Use				
Adults who are current smokers	28.3	21.3 – 35.2	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.

Purchase ADD	Purchase		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.7	2.5 - 8.9	4.8	3.7 – 5.8
Adults who reported binge drinking	14.7	9.2 - 20.2	12.4	10.8 - 13.9
Arthritis				
Adults who have arthritis	34.1	29.1 - 39.0	35.6	33.8 - 37.3
Asthma				
Adults who currently have asthma	7.7	5.1 - 10.3	10.2	9.0 - 11.3
Lifetime asthma prevalence among adults	13.6	9.9 - 17.3	14.9	13.5 - 16.2
Cardiovascular Disease				
Adults who have ever had a heart attack	5.6	3.6 – 7.7	5.9	5.2 - 6.6
Adults who have coronary heart disease	7.2	4.7 – 9.7	6.0	5.3 - 6.6
Adults who have ever had a stroke	4.6	2.7 - 6.5	3.7	3.1 - 4.3
Cholesterol Awareness				
Adults who had their blood cholesterol checked	77.5	74.5 00.0	70.0	765 004
in past 5 years	77.5	71.7 – 83.3	78.3	76.5 – 80.1
Adults with high blood cholesterol	42.1	36.6 - 47.5	41.6	39.8 - 43.5
Diabetes				
Adults who have Diabetes	11.1	8.0 - 14.2	11.5	10.5 - 12.5
Disability				
Adults with limited activity due to physical,	25.0	24.2 20.2	24.0	22.2.26.2
mental, or emotional problems	25.8	21.3 – 30.2	24.8	23.3 – 26.3
Adults with health problem(s) that requires the	0.4	((12.2	0.0	0.0 11.0
use of special equipment	9.4	6.6 – 12.2	9.9	8.9 – 11.0
Fruits and Vegetables				
Adults who consume 5 or more servings of	19.3	14.3 – 24.3	21.1	19.5 - 22.3
fruits or vegetables per day	19.3	14.3 - 24.3	21.1	19.5 - 22.3
General Health Status				
Adults who reported good or better health	79.7	75.9 – 83.5	77.2	75.8 – 78.6
Health Care Access/Coverage				
Adults who have health care coverage	87.7	83.4 - 92.0	84.4	82.9 - 85.9
Adults aged 18-64 who have health care	84.6	79.2 – 90.0	81.3	79.6 - 83.1
coverage	04.0	79.2 - 90.0	01.5	79.0 - 03.1
Hypertension Awareness				
Adults who have high blood pressure	40.2	34.9 – 45.5	36.4	34.7 - 38.1
Immunization				
Adults aged 65+ who had a flu shot in past year	64.2	55.8 – 72.6	70.5	68.0 – 73.0
Adults aged 65+ who have ever had a	65.9	58.1 – 73.7	66.8	64.2 - 69.5
pneumonia vaccination	03.7	30.1 - 73.7	00.0	04.2 - 07.3
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.1	27.8 – 38.4	34.7	32.9 – 36.5
Adults who are obese(BMI ≥ 30.0)	31.5	26.2 – 36.9	32.4	30.6 - 34.1
Physical Activity				
Adults who participate in any physical activity	70.6	65.8 – 75.4	70.3	68.7 – 71.9
Adults who meet moderate or vigorous	44.6	38.6 - 50.7	45.7	43.7 - 47.6
physical activity recommendations	17.0	30.0 - 30.7	15./	13.7 - 47.0
Tobacco Use				
Adults who are current smokers	23.4	18.1 – 28.7	25.6	23.9 – 27.3

[%] = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.